
Training for step = 0
Train Time (s): 51.577077865600586
Eval Metrics (Train): {'accuracy_baseline': 0.5005, 'auc': 0.9278197, 'accuracy': 0.84506667, 'average_loss': 0.35290825, 'auc_precision_recall': 0.92814827, 'label/mean': 0.5005, 'prediction/mean': 0.5472746, 'global_step': 100, 'loss': 45.05212, 'precision': 0.8165883, 'recall': 0.8904429}
Eval Metrics (Validation): {'accuracy_baseline': 0.505, 'auc': 0.9233481, 'accuracy': 0.8356, 'average_loss': 0.36700934, 'auc_precision_recall': 0.9193007, 'label/mean': 0.495, 'prediction/mean': 0.55294645, 'global_step': 100, 'loss': 45.876167, 'precision': 0.7969817, 'recall': 0.8961616}

Training for step = 100
Train Time (s): 58.47284770011902
Eval Metrics (Train): {'accuracy_baseline': 0.5005, 'auc': 0.93202335, 'accuracy': 0.8530667, 'average_loss': 0.33850726, 'auc_precision_recall': 0.9320463, 'label/mean': 0.5005, 'prediction/mean': 0.5354952, 'global_step': 200, 'loss': 43.21369, 'precision': 0.83148944, 'recall': 0.88598067}
Eval Metrics (Validation): {'accuracy_baseline': 0.505, 'auc': 0.9268107, 'accuracy': 0.8428, 'average_loss': 0.3540309, 'auc_precision_recall': 0.9226264, 'label/mean': 0.495, 'prediction/mean': 0.5410262, 'global_step': 200, 'loss': 44.253864, 'precision': 0.8105921, 'recall': 0.8905051}

Training for step = 200
Train Time (s): 59.05244541168213
Eval Metrics (Train): {'accuracy_baseline': 0.5005, 'auc': 0.93434495, 'accuracy': 0.8565, 'average_loss': 0.3306091, 'auc_precision_recall': 0.93440956, 'label/mean': 0.5005, 'prediction/mean': 0.52576727, 'global_step': 300, 'loss': 42.205418, 'precision': 0.8398705, 'recall': 0.8813187}
Eval Metrics (Validation): {'accuracy_baseline': 0.505, 'auc': 0.9284445, 'accuracy': 0.8456, 'average_loss': 0.34666815, 'auc_precision_recall': 0.92456657, 'label/mean': 0.495, 'prediction/mean': 0.53104, 'global_step': 300, 'loss': 43.33352, 'precision': 0.81713223, 'recall': 0.88646466}

Training for step = 300
Train Time (s): 59.095298528671265
Eval Metrics (Train): {'accuracy_baseline': 0.5005, 'auc': 0.9359815, 'accuracy': 0.8599333, 'average_loss': 0.32360393, 'auc_precision_recall': 0.93597674, 'label/mean': 0.5005, 'prediction/mean': 0.5081224, 'global_step': 400, 'loss': 41.311142, 'precision': 0.8556206, 'recall': 0.86633366}
Eval Metrics (Validation): {'accuracy_baseline': 0.505, 'auc': 0.9296555, 'accuracy': 0.8506, 'average_loss': 0.33953008, 'auc_precision_recall': 0.9258267, 'label/mean': 0.495, 'prediction/mean': 0.5134121, 'global_step': 400, 'loss': 42.44126, 'precision': 0.8364486, 'recall': 0.8678788}

Training for step = 400
Train Time (s): 61.437828063964844
Eval Metrics (Train): {'accuracy_baseline': 0.5005, 'auc': 0.93737096, 'accuracy': 0.85803336, 'average_loss': 0.32279867, 'auc_precision_recall': 0.93711823, 'label/mean': 0.5005, 'prediction/mean': 0.47645128, 'global_step': 500, 'loss': 41.20834, 'precision': 0.87883914, 'recall': 0.83090246}
Eval Metrics (Validation): {'accuracy_baseline': 0.505, 'auc': 0.93037695, 'accuracy': 0.8528, 'average_loss': 0.3371518, 'auc_precision_recall': 0.9266068, 'label/mean': 0.495, 'prediction/mean': 0.4813275, 'global_step': 500, 'loss': 42.143974, 'precision': 0.86063874, 'recall': 0.83838385}

Training for step = 500
Train Time (s): 60.56644010543823
Eval Metrics (Train): {'accuracy_baseline': 0.5005, 'auc': 0.93922603, 'accuracy': 0.86196667, 'average_loss': 0.3154608, 'auc_precision_recall': 0.93912816, 'label/mean': 0.5005, 'prediction/mean': 0.49693644, 'global_step': 600, 'loss': 40.27159, 'precision': 0.8663253, 'recall': 0.8563436}
Eval Metrics (Validation): {'accuracy_baseline': 0.505, 'auc': 0.9319735, 'accuracy': 0.8576, 'average_loss': 0.33288395, 'auc_precision_recall': 0.9274986, 'label/mean': 0.495, 'prediction/mean': 0.50102305, 'global_step': 600, 'loss': 41.610497, 'precision': 0.852459, 'recall': 0.86141413}

Training for step = 600
Train Time (s): 61.742493629455566
Eval Metrics (Train): {'accuracy_baseline': 0.5005, 'auc': 0.9401988, 'accuracy': 0.86373335, 'average_loss': 0.31325683, 'auc_precision_recall': 0.9401004, 'label/mean': 0.5005, 'prediction/mean': 0.49082088, 'global_step': 700, 'loss': 39.990234, 'precision': 0.87209696, 'recall': 0.85281384}
Eval Metrics (Validation): {'accuracy_baseline': 0.505, 'auc': 0.9320565, 'accuracy': 0.8552, 'average_loss': 0.33228317, 'auc_precision_recall': 0.9283741, 'label/mean': 0.495, 'prediction/mean': 0.495704, 'global_step': 700, 'loss': 41.535393, 'precision': 0.8528819, 'recall': 0.8549495}

Training for step = 700
Train Time (s): 62.932398319244385
Eval Metrics (Train): {'accuracy_baseline': 0.5005, 'auc': 0.94205046, 'accuracy': 0.8667333, 'average_loss': 0.30980632, 'auc_precision_recall': 0.9419265, 'label/mean': 0.5005, 'prediction/mean': 0.5194482, 'global_step': 800, 'loss': 39.549744, 'precision': 0.8542216, 'recall': 0.88471526}
Eval Metrics (Validation): {'accuracy_baseline': 0.505, 'auc': 0.9333785, 'accuracy': 0.8528, 'average_loss': 0.33324555, 'auc_precision_recall': 0.9297905, 'label/mean': 0.495, 'prediction/mean': 0.52406156, 'global_step': 800, 'loss': 41.655693, 'precision': 0.8304827, 'recall': 0.8828283}

Training for step = 800
Train Time (s): 61.063602685928345
Eval Metrics (Train): {'accuracy_baseline': 0.5005, 'auc': 0.94346637, 'accuracy': 0.86906666, 'average_loss': 0.3043185, 'auc_precision_recall': 0.9433541, 'label/mean': 0.5005, 'prediction/mean': 0.50428337, 'global_step': 900, 'loss': 38.84917, 'precision': 0.8674843, 'recall': 0.87152845}
Eval Metrics (Validation): {'accuracy_baseline': 0.505, 'auc': 0.9343388, 'accuracy': 0.8586, 'average_loss': 0.32782713, 'auc_precision_recall': 0.93053544, 'label/mean': 0.495, 'prediction/mean': 0.50861746, 'global_step': 900, 'loss': 40.97839, 'precision': 0.8485804, 'recall': 0.869495}

Training for step = 900
Train Time (s): 61.08856821060181
Eval Metrics (Train): {'accuracy_baseline': 0.5005, 'auc': 0.9451189, 'accuracy': 0.87123334, 'average_loss': 0.3003392, 'auc_precision_recall': 0.94486654, 'label/mean': 0.5005, 'prediction/mean': 0.5006742, 'global_step': 1000, 'loss': 38.341175, 'precision': 0.87222964, 'recall': 0.87019646}
Eval Metrics (Validation): {'accuracy_baseline': 0.505, 'auc': 0.935349, 'accuracy': 0.8612, 'average_loss': 0.3246169, 'auc_precision_recall': 0.93156016, 'label/mean': 0.495, 'prediction/mean': 0.5044004, 'global_step': 1000, 'loss': 40.577114, 'precision': 0.855489, 'recall': 0.8658586}

Training for step = 1000
Train Time (s): 61.05814576148987
Eval Metrics (Train): {'accuracy_baseline': 0.5005, 'auc': 0.9461824, 'accuracy': 0.87266666, 'average_loss': 0.29711738, 'auc_precision_recall': 0.94604236, 'label/mean': 0.5005, 'prediction/mean': 0.50043845, 'global_step': 1100, 'loss': 37.92988, 'precision': 0.87383956, 'recall': 0.8713953}
Eval Metrics (Validation): {'accuracy_baseline': 0.505, 'auc': 0.93598384, 'accuracy': 0.861, 'average_loss': 0.32326344, 'auc_precision_recall': 0.9320642, 'label/mean': 0.495, 'prediction/mean': 0.5042306, 'global_step': 1100, 'loss': 40.40793, 'precision': 0.8548644, 'recall': 0.8662626}

Training for step = 1100
Train Time (s): 61.90301489830017
Eval Metrics (Train): {'accuracy_baseline': 0.5005, 'auc': 0.94750446, 'accuracy': 0.87373334, 'average_loss': 0.2950938, 'auc_precision_recall': 0.9473404, 'label/mean': 0.5005, 'prediction/mean': 0.484187, 'global_step': 1200, 'loss': 37.67155, 'precision': 0.8887196, 'recall': 0.85474527}
Eval Metrics (Validation): {'accuracy_baseline': 0.505, 'auc': 0.9361079, 'accuracy': 0.8632, 'average_loss': 0.323094, 'auc_precision_recall': 0.9322492, 'label/mean': 0.495, 'prediction/mean': 0.48804137, 'global_step': 1200, 'loss': 40.386753, 'precision': 0.8668578, 'recall': 0.8549495}

Training for step = 1200
Train Time (s): 61.697798013687134
Eval Metrics (Train): {'accuracy_baseline': 0.5005, 'auc': 0.9488618, 'accuracy': 0.87563336, 'average_loss': 0.29137197, 'auc_precision_recall': 0.9486681, 'label/mean': 0.5005, 'prediction/mean': 0.48465186, 'global_step': 1300, 'loss': 37.196423, 'precision': 0.88991016, 'recall': 0.85760903}
Eval Metrics (Validation): {'accuracy_baseline': 0.505, 'auc': 0.9369737, 'accuracy': 0.8622, 'average_loss': 0.32083377, 'auc_precision_recall': 0.93294466, 'label/mean': 0.495, 'prediction/mean': 0.48833257, 'global_step': 1300, 'loss': 40.10422, 'precision': 0.8647876, 'recall': 0.85535353}

Training for step = 1300
Train Time (s): 61.416698932647705